

What is claimed is:

1. A signal processing circuit board, comprising:
a board body;
a variable electronic element mounted in a mounting side of said board body, said variable
5 electronic element having an operating member to control an output outputted from said variable electronic element in a single side of said variable electronic element; and
a hole provided in said board body, and
10 wherein said operating member is positioned in said hole such that said operating member points in the other side opposite to said mounting side of said board body.
2. The signal processing circuit board according to Claim 1, wherein said variable electronic element has said operating member in only said single side of said variable electronic element.
3. The signal processing circuit board according to Claim 1, wherein said variable electronic element is a variable resistor.
4. The signal processing circuit board according to Claim 1, wherein said variable electronic element

is a variable capacitor.

5. The signal processing circuit board according to Claim 1, wherein said operating member does not project from said other side.

6. The signal processing circuit board according to Claim 1, wherein said variable electronic element is mounted through an attachment member electronically and mechanically connected to said mounting side.

7. The signal processing circuit board according to Claim 6, wherein said attachment member is a flexible printed circuit connected to said mounting side to cover said hole.

8. The signal processing circuit board according to Claim 7, wherein said flexible printed circuit is soldered to said mounting side in a substantially center position of one end of said flexible printed circuit and two different locations of the other end
5 of said flexible printed circuit respectively which are equally spaced from said center position of the same.

9. The signal processing circuit board according to Claim 7, wherein said variable electronic element

is floated on said flexible printed circuit.

10. The signal processing circuit board according to Claim 9, wherein said flexible printed circuit has a flexibility to protect said variable electronic element from mechanical stress.

11. The signal processing circuit board according to Claim 6, wherein said attachment member includes a strip on which said variable electronic element is mounted and a supporting member to attach to said
5 mounting side.

12. The signal processing circuit board according to Claim 11, wherein said supporting member includes one of a conductive bump and a conductive pin.

13. The signal processing circuit board according to Claim 6, wherein said attachment member includes a recessed block having a recess in which said variable electronic element is mounted.

14. The signal processing circuit board according to Claim 13, wherein said recessed block is formed of a single board.

15. The signal processing circuit board according

to Claim 13, wherein said recessed block is formed of a number of layers.

16. A liquid crystal display apparatus controlling method, comprising:

providing a liquid crystal display screen;

providing a board used for said liquid crystal
5 display screen;

providing a variable electronic element mounted in a mounting side of said board, said variable electronic element having an operating member to control an output outputted from said variable
10 electronic element in a single side of said variable electronic element;

forming a hole in said board;

positioning said operating member in said hole such that said operating member points in the other
15 side opposite to said mounting side of said board, said other side being opposite to said liquid crystal display screen;

displaying an image on said liquid crystal display screen; and

20 operating said operating member through said hole from said other side while viewing said image.

17. The liquid crystal display apparatus controlling method according to Claim 16, wherein said

operating member does not project from said other side.

18. The liquid crystal display apparatus
controlling method according to Claim 16, wherein said
variable electronic element is mounted through a
flexible printed circuit electronically and
5 mechanically connected to said mounting side.

19. The liquid crystal display apparatus
controlling method according to Claim 18, wherein said
flexible printed circuit covers said hole.

20. The liquid crystal display apparatus
controlling method according to Claim 18, wherein said
variable electronic element is floated on said
flexible printed circuit.

21. The liquid crystal display apparatus
controlling method according to Claim 18, wherein said
flexible printed circuit has a flexibility to protect
said variable electronic element from mechanical
5 stress when said operating member is operated such
that said mechanical stress is not applied to said
liquid crystal display screen.

22. The liquid crystal display apparatus
controlling method according to Claim 16, wherein said

variable electronic element is provided to overlap with said liquid crystal display screen.

23. A liquid crystal display apparatus, comprising:
a signal processing circuit board; and
a liquid crystal display screen electronically

connected to said signal processing circuit board, an
5 image being displayed on a displaying side of said
liquid crystal display screen, and

wherein said signal processing circuit board
includes:

a board body;

10 a variable electronic element mounted in a
mounting side of said board body, said variable
electronic element having an operating member to
control an output outputted from said variable
electronic element in a single side of said variable
15 electronic element; and

a hole provided in said board body, and

wherein said operating member is positioned in
said hole such that said operating member points in
the other side opposite to said mounting side of said
20 board body, and

wherein said variable electronic element is
provided in a opposed side opposed to said displaying
side of said liquid crystal display screen such that
said operating member is exposed in said opposed side

25 through said hole.

24. The liquid crystal display apparatus according to Claim 23, wherein said variable electronic element is mounted through an attachment member electronically and mechanically connected to said mounting side.

25. The liquid crystal display apparatus according to Claim 24, wherein said attachment member is a flexible printed circuit connected to said mounting side to cover said hole.

26. The liquid crystal display apparatus according to Claim 24, wherein said attachment member includes a strip on which said variable electronic element is mounted and a supporting member to attach to said
5 mounting side.

27. The liquid crystal display apparatus according to Claim 24, wherein said attachment member includes a recessed block having a recess in which said variable electronic element is mounted.